

Title (en)  
BEAMED ELASTIC LAMINATE PROPERTIES

Title (de)  
EIGENSCHAFTEN EINES ELASTISCHEN TRÄGERLAMINATS

Title (fr)  
PROPRIÉTÉS DE STRATIFIÉ ÉLASTIQUE SUR ENSOUPLE

Publication  
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Application  
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Priority

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Abstract (en)  
[origin: US2018168874A1] The present disclosure relates to one or a combination of an absorbent article's chassis, inner leg cuffs, outer leg cuffs, ear panels, side panels, waistbands, and belts that may comprise one or more pluralities of tightly spaced (less than 4 mm, less than 3 mm, less than 2 mm, and less than 1 mm) and/or very fine (less than 300, less than 200, less than 100 dtex) and/or low strain (less than 300%, less than 200%, less than 100%) elastics to deliver low pressure less than 1 psi (according to the conditions defined by the Pressure-Under-Strand method below) under the elastics, while providing adequate modulus of (between about 2 gf/mm and 15 gf/mm) to make the article easy to apply and to comfortably maintain the article in place on the wearer, even with a loaded core (holding at least 50 mls of liquid), to provide for the advantages described above.

IPC 8 full level  
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**A61F 13/15** (2013.01 - CN GB); **A61F 13/15203** (2013.01 - CN GB); **A61F 13/15585** (2013.01 - CN GB);  
**A61F 13/15593** (2013.01 - CN EP GB US); **A61F 13/15601** (2013.01 - CN GB); **A61F 13/15699** (2013.01 - CN GB);  
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**A61F 13/51464** (2013.01 - CN GB); **A61F 13/51478** (2013.01 - CN GB); **A61F 13/53** (2013.01 - CN); **A61F 13/55115** (2013.01 - CN GB);  
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**B32B 7/12** (2013.01 - GB); **B32B 27/12** (2013.01 - GB); **B32B 37/0053** (2013.01 - GB); **B32B 37/12** (2013.01 - GB); **B32B 37/144** (2013.01 - GB);  
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**B29C 65/74** (2013.01 - US); **B29C 66/01** (2013.01 - US); **B29C 66/344** (2013.01 - US); **B29C 66/8141** (2013.01 - US);  
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**US 11000420 B2 20210511**; **US 2018168874 A1 20180621**; BR 112019012074 A2 20191112; BR 112019012088 A2 20191029;  
CA 3041764 A1 20180628; CA 3041764 C 20210420; CA 3041928 A1 20180628; CA 3041928 C 20210727; CN 110022811 A 20190716;  
CN 110022811 B 20220624; CN 110022812 A 20190716; CN 110022812 B 20220909; CN 110022813 A 20190716; CN 110022813 B 20221202;  
CN 110022816 A 20190716; CN 110022816 B 20211214; CN 110022817 A 20190716; CN 110022817 B 20220408; CN 110022820 A 20190716;  
CN 110022820 B 20220208; CN 110035728 A 20190719; CN 110035728 B 20211001; CN 110072498 A 20190730; CN 110072498 B 20220708;  
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CN 115192316 B 20230901; CN 115300232 A 20221108; CN 115300232 B 20240109; CN 115486992 A 20221220; CN 115486992 B 20231027;  
DE 112017006405 T5 20190905; DE 112017006408 T5 20190905; DE 112017006446 T5 20190912; DE 112017006447 T5 20190912;  
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